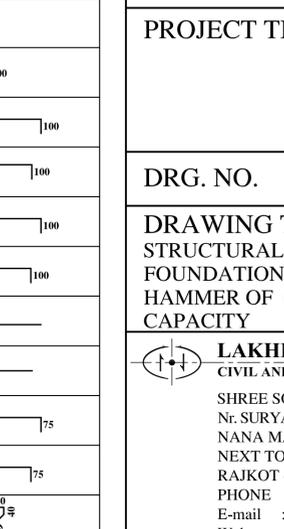
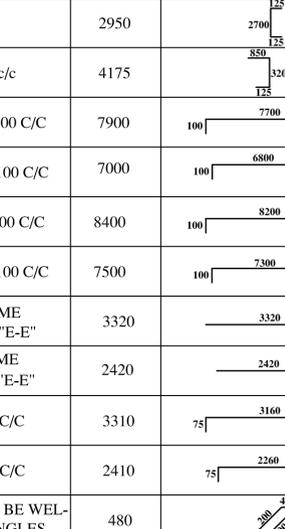
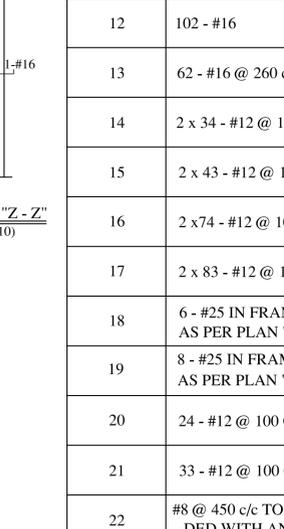
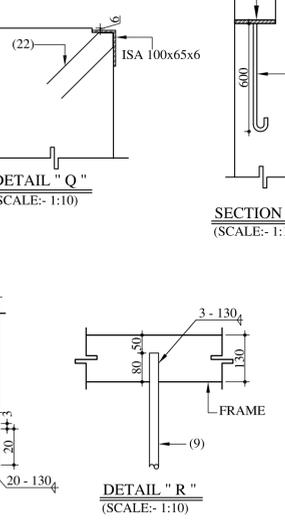
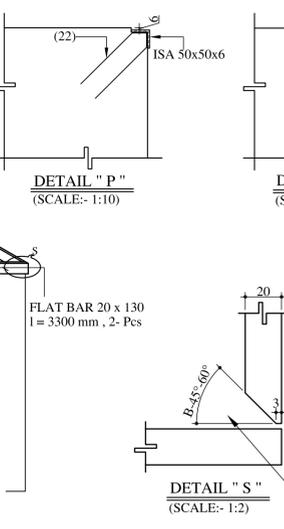
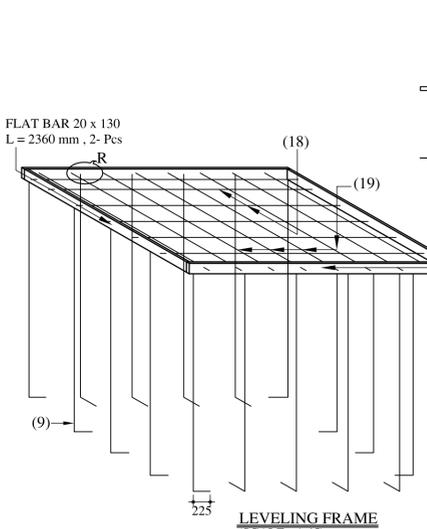
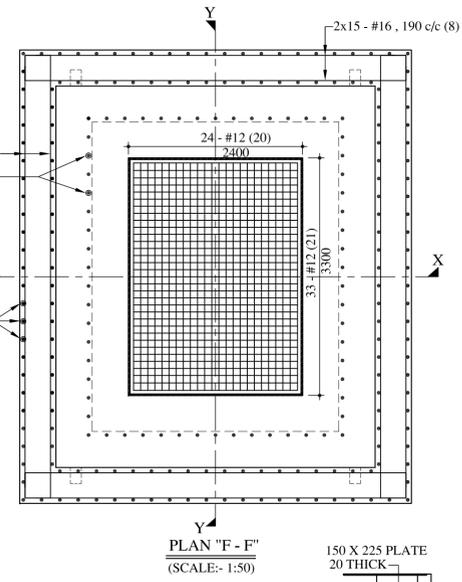
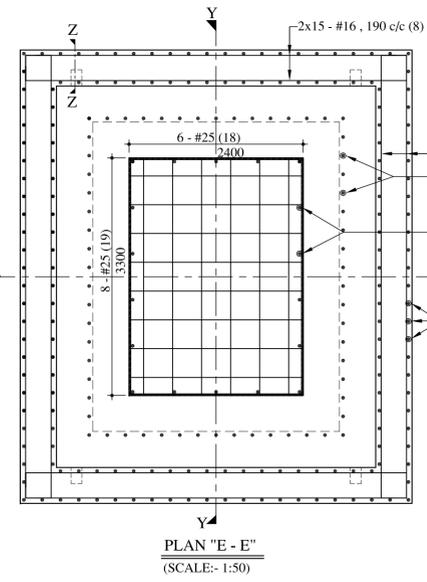
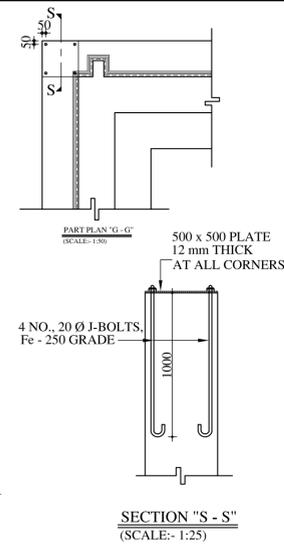
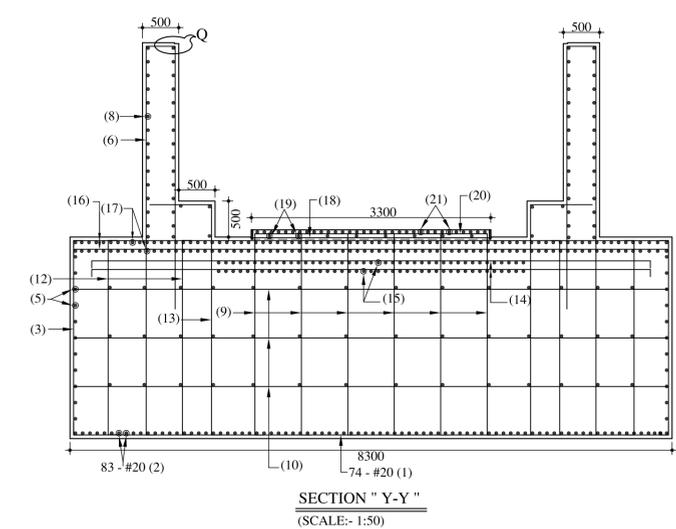
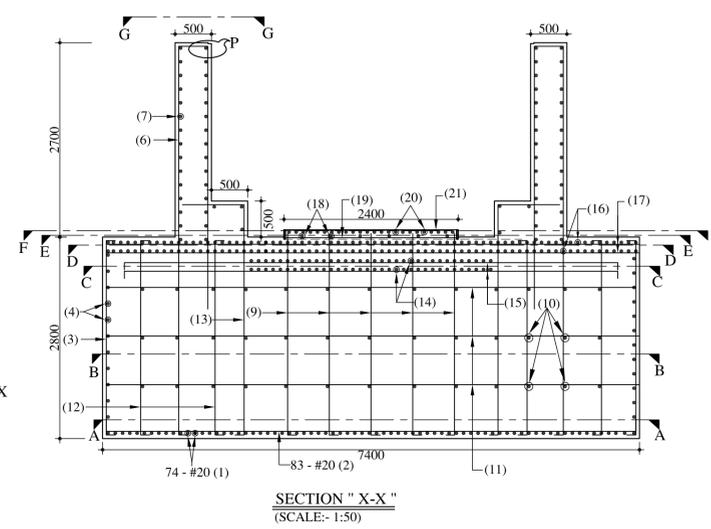


NOTE: NUMBER IN BRACKET INDICATE THE BAR NUMBER IN BAR BENDING SCHEDULE



| BAR BENDING SCHEDULE | | | |
|----------------------|--|--------|-------------------------|
| BAR NO. | DESCRIPTION | LENGTH | BAR BENDING |
| 1 | 74 - #20 @ 100 C/C | 8550 | 175 8200 175 |
| 2 | 83 - #20 @ 100 C/C | 7650 | 175 7300 175 |
| 3 | 42+42+36+36 - #16 @ 200 C/C | 2950 | 125 2700 125 |
| 4 | 11+11 - #16 @ 225 c/c | 8450 | 125 8200 125 |
| 5 | 11+11 - #16 @ 225 c/c | 7550 | 125 7300 125 |
| 6 | 26+26 - #16 @ 250 c/c 20+20 - #16 @ 250 c/c | 9575 | 400 5400 3650 125 |
| 7 | 4 x 15 - #16 @ 190 c/c | 6400 | 100 6200 100 |
| 8 | 4 x 15 - #16 @ 190 c/c | 5500 | 100 5300 100 |
| 9 | 18 - #25 VERTICAL BARS TO SUPPORT FRAME | 3075 | 2850 225 |
| 10 | 3x13 - #16 AS PER PLAN "B - B" | 8450 | 125 8200 125 |
| 11 | 3x14 - #16 AS PER PLAN "B - B" | 7550 | 125 7300 125 |
| 12 | 102 - #16 | 2950 | 125 2700 125 |
| 13 | 62 - #16 @ 260 c/c | 4175 | 850 3200 125 |
| 14 | 2 x 34 - #12 @ 100 C/C | 7900 | 100 7700 100 |
| 15 | 2 x 43 - #12 @ 100 C/C | 7000 | 100 6800 100 |
| 16 | 2 x 74 - #12 @ 100 C/C | 8400 | 100 8200 100 |
| 17 | 2 x 83 - #12 @ 100 C/C | 7500 | 100 7300 100 |
| 18 | 6 - #25 IN FRAME AS PER PLAN "E-E" | 3320 | 3320 |
| 19 | 8 - #25 IN FRAME AS PER PLAN "E-E" | 2420 | 2420 |
| 20 | 24 - #12 @ 100 C/C | 3310 | 75 3160 75 |
| 21 | 33 - #12 @ 100 C/C | 2410 | 75 2260 75 |
| 22 | #8 @ 450 c/c TO BE WELDED WITH ANGLES | 480 | 40 300 40 |

- NOTES:-**
- 1) ALL DIMENSIONS ARE IN mm.
 - 2) ANY DIMENSIONS ARE NOT TO BE SCALLED FROM THE DRAWING
 - 3) CONCRETE GRADE M-25 CONFORMING TO IS: 456 - 2000 IS TO BE USED.
 - 4) # INDICATES HIGH YIELD STRENGTH DEFORMED BARS OF GRADE Fe - 415, CONFORMING TO IS:1786-1985 OR EQUIVALENT.
 - 5) Ø INDICATES MILD STEEL BARS CONFORMING IS:432-1982 OR EQUIVALENT
 - 6) CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 50
 - 7) CONCRETE SHALL BE MACHINE MIXED, MACHINE VIBRATED AND SHALL BE CONSTANTLY WET FOR SEVEN DAYS AFTER DATE OF PLACING
 - 8) THE GROUND WATER LEVEL IS ASSUMED TO BE BELOW FOUNDATION BASE LEVEL
 - 9) CONSTRUCTION OF FOUNDATION SHOULD BE CONSTANTLY SUPERVISED BY ADEQUATELY QUALIFIED TECHNICAL PERSON
 - 10) CONCRETE SHALL NOT BE POURED IN TO FOUNDATION FROM A HEIGHT GREATER THAN 1500
 - 11) CONCRETING OF FOUNDATION BLOCK HAS TO BE CONTINUOUS WITHOUT ANY INTERVALS
 - 12) SURFACE OF FOUNDATION BLOCK UNDER THE ANVIL SHOULD BE EVENED WITH LEVELING STRIKE TO THE REQUIRED LEVEL DURING THE CONCRETING OF BLOCK. IT IS NOT ALLOWABLE TO EVEN THIS SURFACE WITH CEMENT GROUT AFTERWARDS
 - 13) DURING CONCRETING OF THE FOUNDATION BLOCK, NO VIBRATIONS SHALL BE TRANSMITTED TO THE FRESH CONCRET BY OTHER MACHINES OPERATING IN THE VICINITY OF THE BLOCK
 - 14) WATER CEMENT RATIO SHALL NOT BE GREATER THAN 0.5. TO PREVENT INTERNAL CRACKING OF THE BLOCK DUE TO HEAT OF HYDRATION, ICE SHALL BE USED WITH WATER TO BE USED TO PREPARE THE CONCRETE.
 - 15) REINFORCEMENT CAGE SHOULD BE WELDED AT APPROPRIATE PLACES, SO THAT REINFORCEMENT CAGE AND LEVELING FRAME AT TOP SURFACE ARE NOT DISPLACED DURING CONCRETING
 - 16) STEEL FRAME (FLAT BAR 20 x 130) SHOULD BE PUT IN PLACE PRECISELY HORIZONTALLY WITH TOP SURFACE LEVEL -2600. TOP SURFACE OF THE BLOCK UNDER ANVIL SHOULD BE EVENED AND SCREEDED FLUSH WITH THE FRAME DURING CONCRETING. IT IS NOT ALLOWED TO EVEN TOP SURFACE WITH CEMENT GROUT AFTERWARDS
 - 17) A SPECIMEN FOR EACH BAR SHOWN IN THE BAR BENDING SCHEDULE SHALL BE PREPARED. THE SPECIMEN SHOULD BE VERIFIED TO PROPERLY FIT INTO REINFORCEMENT CAGE AND REMAINING OF THE BARS SHOULD BE CUT AFTER THIS VERIFICATION ONLY

| REV. NO. | REV. DATE | REVISION DETAILS | APPD. BY |
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PRINCIPAL CLIENT :-

ARCHITECT:-

PROJECT TITLE:-

DRG. NO.

DRAWING TITLE:-
STRUCTURAL DETAILS FOR FOUNDATION OF FORGING HAMMER OF 6.25 T (16000 B) CAPACITY

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